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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/621,220	07/16/2003	Pradeep Mistry	016295.1308	1227

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EXAMINER

CAVALLARI, DANIEL J

ART UNIT	PAPER NUMBER
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2836

DATE MAILED: 06/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/621,220	Applicant(s) MISTRY ET AL.	
	Examiner Daniel J. Cavallari	Art Unit 2836	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 April 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3-5,7-9,12,13,15-17,19 and 20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 13,15-17,19 and 20 is/are allowed.
- 6) ☒ Claim(s) 1,3,4,7-9 and 12 is/are rejected.
- 7) ☒ Claim(s) 5 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 April 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

The examiner acknowledges a submission of the amendment filed on 4/25/2006. The amendments to claims 1, 3-5, 7-9, 13, 15-17, 19, & 20 and cancellation of claims 2, 6, 10, 11, 14, & 18 are accepted.

Response to Arguments

Applicant's arguments, see page 7, filed 4/25/2006, with respect to the 112, second paragraph rejection of claims 1, 3, 4, and 7, the previously made objection to the drawings and the objections to claims 1 and 7 have been fully considered and are persuasive. The 112 rejection and objections have been withdrawn.

The newly submitted title is accepted.

Applicant's arguments, see pages 10-13, filed 4/25/2006, with respect to the 102 rejection of claims 1-4, 6, 7, 9, 12-14 in view of Hogarth and 103 rejection in view of Hogarth and Danner have been fully considered and are persuasive. The 102 and 103 rejection in view of Hogarth and Danner have been withdrawn.

Applicant's arguments filed 4/25/2006 in regards to the 102 rejection of claims 1-4 & 7-9 & 12 in view of Kikuchi have been fully considered but they are not persuasive.

In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies

are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

The applicant claims Kikuchi fails to disclose an "...automatic selection process" as well as "a power distribution board that uses only one pin coded connector for each modular power supply..." nor "...both AC and DC power sources on the one pin coded connector". However, the examiner points out the claims recite "...wherein selected ones of said plurality of conductive layers are connected to certain ones of the plurality of electrically conductive pins such that the at least one modular power supply is powered from either an alternating current or a direct current power source." The claim language does not require BOTH an AC and DC source as the applicant suggests but rather "either an alternating current or a direct current..." as taken from claim 1. Nor does the claim recite the limitation of "...one pin coded connector for each modular power supply.." implying more than one power supply is claimed wherein the claim recites "...at least one modular power supply.." therefore only one modular power supply is needed to read on the claim.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

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Claims 1, 3, 4, 7-9, & 12 are rejected under 35 U.S.C. 102(b) as being anticipated by Kikuchi (US 5,777,396).

Kikuchi teaches:

In regard to Claims 1 & 12

- Information handling equipment read on by electrographic imaging devices (See Column 1, Lines 9-18)
- A power distribution board (See figures 4 & 5) having pin coded connectors, read on by connectors (51 & 52) (See Figure 2) having a plurality of pins (P1, P2, P3) (See Figure 2) and 110, 220, & 330 (See Figure 4) adapted for coupling to at least one modular power supply (Power Source CCT. 3, See Figure 1 & Column 3, Lines 45-65) wherein the pin coded connectors, (51, 52) (See Figure 2) and (300, Figure 3) and (110, 220, & 330, Figure 4), are coupled to the information handling equipment such that at least one modular power supply (3, See Figure 1) powers said equipment (See Column 3, Line 66 to Column 4, Line 31)
- A plurality of conductive layers, read on by (S1, S2, S3) (See Figure 3 & Column 5, Lines 15-37), wherein selected ones of said plurality of conductive layers (S1, S2, S3) are connected to certain other ones of the plurality of electrically conductive pins (via the board 6) (See Figure 3) such that at least one modular power supply (3) is powered from an AC source (See Figure 1).

- The power module (3) (See Figure 1) supplying plugs (A3, S3, B3) for the pin coded connectors (4) on said PDB (1) (See Figure 1).

In regard to Claims 3 & 4

- The power supply selected to be 110V AC or 220V AC.

In regard to Claim 7

- Some of the connections, read on by the neutral (J3), being common to the AC source selected, whether it be 110 or 220V AC load (See Figure 2 & Column 4, Lines 11-31) in which the same neutral pin is selected in either case (110V or 220V).

In regard to Claim 8

- The plurality of conductive layers (S1, S2, & S3) (See Column 5, Lines 15-37) being commonly used whether it be a 110 or 220V AC load (See Figure 2 & Column 4, Lines 11-31) in which the same conductive layers (S1, S2, & S3) are used in either case.

In regard to Claim 9

- The information handling system further comprising cutouts, read on by the cutouts 101, 102, 103, 201, 202 & 203, which enable the insertion of pins 301,

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302, 303 (See Figure 3) between some of the connections of the pin coded connectors.

Allowable Subject Matter

Claim 5 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claim 5 recites the limitation of the DC voltage provided 48VDC whereas prior art of record fails to teach an information handling system having a power distribution board comprising pin coded connectors for providing 48VDC DC power between a power supply and power source via a plurality of conductive layers connected to pin coded connectors.

Claims 13, 15-17, 19 & 20 are allowed.

In regard to Claim 13

Prior art of record fails to teach an apparatus having a power distribution board comprising pin coded connectors for providing both AC and DC power simultaneously between a power supply and power source via a plurality of conductive layers connected to pin coded connectors.


Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Daniel J. Cavallari whose telephone number is (571)272-8541. The examiner can normally be reached on Monday-Friday 8:30-5:00.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Sircus can be reached on (571)272-2800 x36. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


ROBERT L. DEBERADINIS
PRIMARY EXAMINER

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Daniel Cavallari

June 16, 2006



ROBERT L. DEBERADINIS
PRIMARY EXAMINER